## INTERNATIONAL SEARCH REPORT

nal Application No PCT/US2004/033713

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/26 H04N5/262

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H04N} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, IBM-TDB, COMPENDEX

| C. DOCUME  | INTS CONSIDERED TO BE RELEVANT   |                       |
|------------|--|-----------------------|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| X          | CHRISTINA GOMILA: "SEI message for film grain encoding: syntax and results" JVT OF ISO IEC MPEG AND ITU-T VCEG JVT-I013 REVISION 2, 2 September 2003 (2003-09-02), pages 1-11, XP002308743 | 4-7,<br>11-14         |
| Υ          | SAN DIEGO, CA, USA<br>page 1, line 1 — page 5, last paragraph  | 1-3,8-10              |
| Υ          | WO 97/22204 A (PRZYBORSKI, GLENN, B;<br>GIBSON, ROBERT, F; HARN, JOHN, H; HUCKE,   | 1-3,8-10              |
| Α          | LLOYD,) 19 Juné 1997 (1997-06-19)<br>page 21, line 26 - page 22, line 31;<br>figure 9  | 4-7,<br>11-14         |
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| Further documents are listed in the continuation of box C.  | X Patent family members are listed in annex.  |  |  |
|---|---|--|--|
| <ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul> | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family |  |  |
| Date of the actual completion of the international search   | Date of mailing of the international search report  |  |  |
| 11 March 2005   | 18/03/2005  |  |  |
| Name and malling address of the ISA   | Authorized officer  |  |  |
| European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016   | Heising, G  |  |  |

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Internation No
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| A          | SCHLOCKERMANN M ET AL: "Film grain coding in H.264/AVC" JOINT VIDEO TEAM (JVT) OF ISO/IEC MPEG & ITU-T VCEG (ISO/IEC JTC1/SC29/WG11 AND ITU-T SG16 Q6), 2 September 2003 (2003-09-02), pages 1-8, XP002311238 SAN DIEGO, CA, USA page 1, line 1 - page 2, last line                              | 1-14                  |
| A          | CHRISTINA GOMILA, ALEXANDER KOBILANSKY: "SEI message for film grain encoding" JVT OF ISO IEC MPEG AND ITU-T VCEG JVT-H022, 23 May 2003 (2003-05-23), pages 1-14, XP002308742 GENEVA, SWITZERLAND abstract page 2, paragraph 1 - page 6, last line; figures 1,2 page 9, paragraph 1 - paragraph 2 | 1-14                  |
| A          | US 5 641 596 A (GRAY ET AL) 24 June 1997 (1997-06-24) abstract column 1, line 36 - line 57 column 6, line 18 - column 8, line 7; figure 3  | 1-14                  |

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Information on patent family members

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PCT/US2004/033713

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| WO 9722204                             | Α | 19-06-1997       | US<br>AU<br>WO          | 5831673 A<br>1148597 A<br>9722204 A1 | 03-11-1998<br>03-07-1997<br>19-06-1997 |
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